

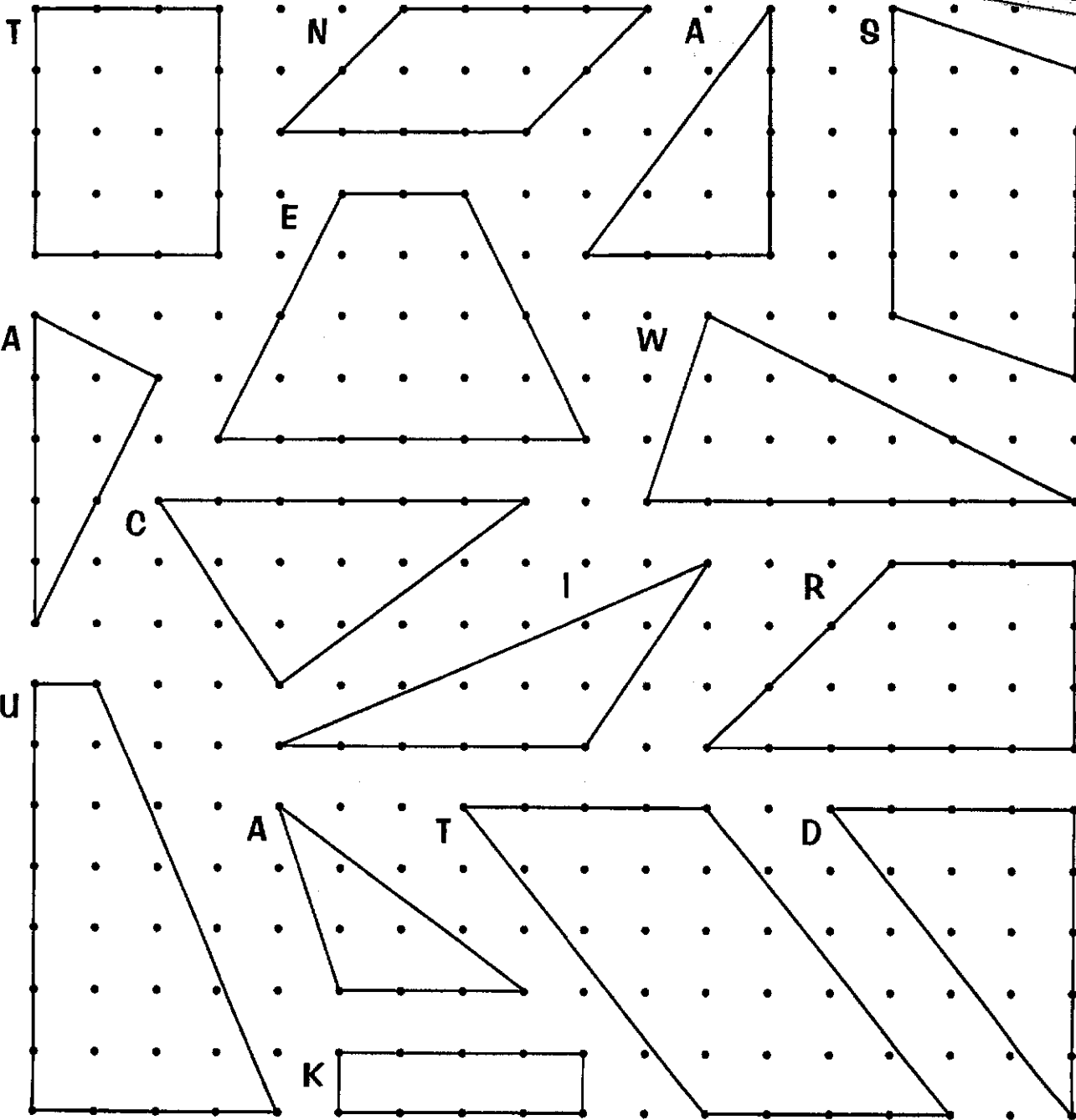
Why Did the Bulletin Board Notice Feel Nervous?



Find the area of each figure (dots are 1 cm apart). Write the letter of the figure above its area in the boxes at the bottom of the page.

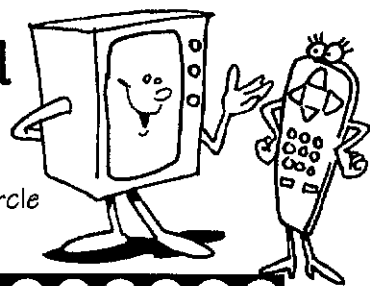


Do your homework!
Love, Mom



7.5 cm ²	12 cm ²	21 cm ²	10.5 cm ²	4.5 cm ²	15 cm ²	14 cm ²	17.5 cm ²	8 cm ²	10 cm ²	16 cm ²	13.5 cm ²	5.5 cm ²	5 cm ²	9.5 cm ²	20 cm ²	6 cm ²	9 cm ²	4 cm ²
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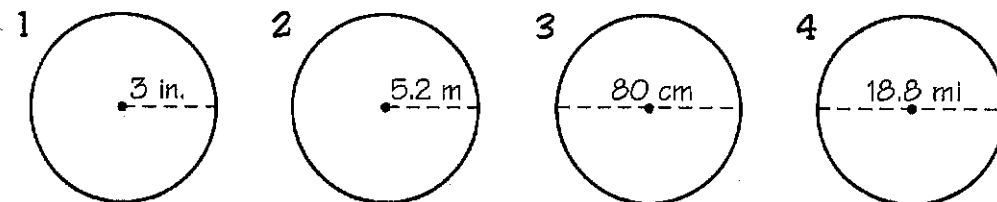
What Happened When the TV Set Asked the Remote Control for a Date?



Find each answer in the answer column. Write the letter of the answer in the circle that contains the exercise number. Most answers are rounded. Use 3.14 for π .



Use the diameter (d) or radius (r) to find the area.

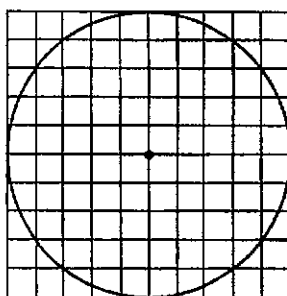


5 $r = 12$ in. 6 $r = 0.66$ mi 7 $d = 7.5$ m. 8 $d = 2$ cm

Solve.

9 Radio station KLUV broadcasts in all directions to a distance of 60 mi. What is the area over which the station can be heard?

10 How many squares are inside the circle below?

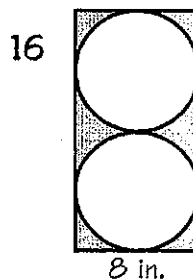
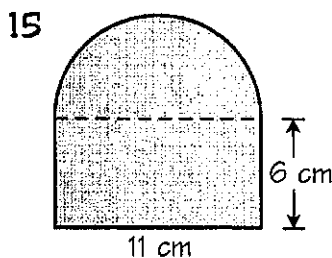
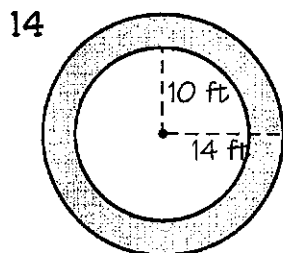


11 A fugitive has escaped in a train wreck. The police believe he could not have traveled more than 7 mi in any direction from the wreck. How many square miles must be searched?

12 A manhole cover has a diameter of 3 ft. It weighs 8.2 lb per square foot. How much does the manhole cover weigh?

13 A 12-inch diameter pizza is cut into 8 equal pieces. What is the area of each piece?

Find the area of the shaded region.



Answers 1-8

L 269.4 mi^2
O 5024 cm^2
S 44.2 m^2
D 28.3 in.^2
F 1.54 mi^2
M 452.2 in.^2
T 5196 cm^2
E 84.9 m^2
H 3.14 cm^2
A 48.3 m^2
U 1.37 mi^2
Y 438.3 in.^2
N 277.5 mi^2

Answers 9-16

S 124.3 cm^2
H 153.9 mi^2
A 62.4 lb
T 301.4 ft^2
F 18.9 in.^2
E 78.5
I 57.9 lb
D 113.5 cm^2
L 82.4
W 11,304 mi^2
R 27.5 in.^2
B 326.4 ft^2
N 14.1 in.^2
O 9285 mi^2

